

## CLAIMS

1. A method of controlling a device via the Internet comprising the steps of:  
generating a device instruction,  
encoding the device instruction using an Internet protocol,  
transmitting the encoded device instruction to a message broker, and  
transmitting a message request to the message broker encoded using an Internet protocol to receive device information received by the message broker.
2. A method according to claim 1 wherein the device instruction, message request and device information are encoded in an Internet protocol comprising HTTP.
3. A method according to claim 1 or claim 2 wherein the device instruction is generated in a Peripheral Meta Language (PML).
4. A method according to any one of the preceding claims comprising the further step of generating an output in response to the device information.
5. A method according to any one of the preceding claims wherein the encoded device instruction comprises destination information readable by the message broker.
6. A method according to any one of the preceding claims wherein the device instruction comprises device identification information.
7. A remote control module operable to perform a method according to any one of claims 1 to 6.

8. A method of communicating instructions received via the Internet to a device comprising the steps of

transmitting a message request to a message broker encoded using an Internet protocol to receive a device instruction received by the message broker, receiving a device instruction encoded using an Internet protocol in response to said request, and transmitting a device instruction to the device.

9. A method according to claim 8 comprising the steps of reading the device instruction to identify device identification information, and forwarding the device instruction to the device identified.

10. A method according to claim 8 or claim 9 comprising the steps of receiving device information from the device, generating a message encoded in an Internet protocol comprising the device information and destination information, and transmitting the message to the message broker.

11. A method according to any one of claims 8 to 10 wherein at least one of the device instructions and the message containing the device information are encoded in an Internet protocol comprising HTTP.

12. A device control module operable to perform a method according to any one of claims 8 to 11.

13. A system for remotely controlling a device over the Internet comprising a message broker, a remote control module according to claim 7 and a device communication module according to claim 12.